RAVENSHAW COLLEGE
CUTTACK

COLLEGE COMMEMORATION DAY

2nd. February, 1957

PRINCIPAL'S REPORT

THE COMMEMORATION DAY

OF

RAVENSHAW COLLEGE, 2ND FEBRUARY, 1957

(Principal's Report)

MR. PRESIDENT, SHRI KRISHNAMACHARI,
LADIES AND GENTLEMEN,

Once again we the students and teachers of the College have the honour to welcome the Old Boys of the Ravenshaw College and the guests on the occasion of the Commemoration Day. We are all very much happy that we have Shri T. T. Krishnamachari, an eminent scholar, a politician of great repute, a successful industrialist, a distinguished administrator and above all a man embodying the spirit and culture of India—as our Chief Guest on this occasion. Due to sudden and unforeseen incidents, we had to cancel the celebrations last year and many of us felt very much disappointed at having lost the opportunity of having Shri Krishnamachari with us. We are very fortunate indeed that he has found time this year to be with us, inspite of the fact that his engagements this year are undoubtedly more numerous. On behalf of the students, members of the staff and Old Boys of the College, I offer you, Sir, a very hearty welcome.

On this occasion it is customary to give an account of the activities and achievements of the

College during the past year. This has been given in a tabulated form in the appendix attached to this pamphlet. Instead of reading the whole of it, I shall draw your attention to the more important events.

Though the buildings of the College look impressive and new blocks are continuously being added to it, with the increase of students in the existing faculties and addition of new subjects in the curricula, the problem of accommodation still remains acute. As a result of this, we have to hold some classes in the morning and some more in the evening, we cannot provide independent rooms to teachers, and adequate reading space to students and we have to drop some classes for holding examinations. We have no hall where all the students and teachers of the College can be accommodated. But this problem is likely to be solved soon, as we hope to build an open-air theatre to accommodate about 2,000 people, with the grant that we have already received from the Government of India and the grant which has been promised to us by the State Government.

There are three hostels now for boy students with accommodation for 509 boarders and one hostel for 16 women students. I am never tired of repeating that this is most inadequate. It is not unusual to come across cases where a student has to give up his studies due to lack of accommoda-tion. Women students are very much worse off. I know of cases where women students could not

take admission in the College as they did not find any suitable place to stay. During the past year, the problem became very acute, when the owner of a rented house which some women students occupied and which we proposed to take on rent for a women students' hostel, virtually turned the students out and we had to take the help of sister institutions for acc ommodation of the girls.

The number of teachers including the teachers of the University employed in this College is about 120 now. The 35 quarters that we have are absolutely inadequate, as rented houses are not easily available and even when one is found, its rent is exhorbitant. We have obout 75 ministerial officers, laboratory assistants and other assistants; and since there are no quarters for them, their hardship is much worse.

As per our plan, M. Sc. classes in Geology were opened during the year 1956. This department was built by the Utkal University in 1954 with the help of generous grants from the Government of India, the State Government and Kalinga Foundation Trust. The teachers and other staff in this department are employees of the University. And since under-graduate students in science taking Geology, have to take two more science subjects, this department has been attached to the Ravenshaw College by the University and is being run by us on behalf of the University. The Utkal University and the State Government are anxious that the teachers and post-graduate

students of Geology should devote a reasonable amount of their time and energy in conducting a geological survey of the State, not only as a part of practical training but also as a supplement to the work that is being done in this respect by the Government of India and the State Government. We are taking steps to fulfill this condition and we hope that the students and teachers of Geology will be able to give a good account of themselves. But location of mineral wealth of the State by itself will not be enough. It is only a means to an end. We must have the machinery to train up persons to make the best use of the material we have. A proposal for having a college of Mineral Technology has not been accepted by the Government of India on technical grounds. It is hoped that the Government of India would give the necessary technical assistance to modify the scheme and then finance it adequately.

The number of seats in each of the I. Sc. and B. Sc. classes was increased from 192 to 256 and 144 to 160 respectively during this session in order to meet the increasing demand of students for admission to the science classes. Though our accommodation in the Science laboratories is limited, we could take more students, by holding the practical classes in mornings and evenings. The laboratories are now fully engaged from 6. 30 in the morning until 5. 30 in the evening and further increase of students in the science classes is not possible unless we hold practical classes after 5. 30 in the evening.

Preparations for opening classes for the one year Diploma Course in Statistics with effect from this month have been finalised by the University and teachers have been appointed. Accommodation and equipment have been arranged. Regular work will commence as soon as students are admitted.

We have prepared plans for opening Post-graduate classes in Psychology, Political Science, Anthropology, Statistics, Zoology, Philosophy and Sanskrit during the next few years and these have been approved by the University and the State Government. A Committee of the University Grants Commission came to Cuttack in Nov. 56 to examine our schemes of development in the humanities—which consist of opening post graduate classes in new subjects and consolidation of the existing post-graduate classes. Though their report is not yet available, we understand that they have approved of almost all the proposals. We are expecting another Expert Committee of the University Grants Commission to examine the proposals for development of post-graduate teaching and research in science subjects. It is not possible to complete buildings and equip them, for the new post-graduate departments by July, 1957. But post-graduate classes in some of the subjects can be started, though with difficulty, in the existing buildings. Wherever necessary, the buildings of the Arts Block can be utilised in the mornings and evenings as a temporary measure. With such arrangements, it should be possible to open post graduate classes in some of the subjects

in July, 1957 and I hope we shall be able to achieve this.

An application has already been made to the University for permission to open classes in the Faculty of Commerce and it is hoped that we shall be able to take students with effect from the next session.

During the year in question, our research activities have expanded. The number of papers published in learned journals of India, England and the United States increased to 69. This does not include the papers sent to or accepted by and read in the annual conferences of learned societies. A large number of teachers attended the annual meetings of the Indian Science Congress, the Indian Mathematics Society, the Indian Economic Conference, All India Agricultural Economic Conference, the Indian Political Science Conference, the Indian Philosophical Congress, the Indian Linguistic Society, Indian History Congress, the All India English Teacher's Conference, the Asian Writers' Conference, All India Library Conference, read papers and took part in discussions. Besides these, a large number of articles were written by teachers in literary and scientific magazines. One teacher of the College and three research scholars were admitted to the Ph. D. degree of the Utkal University. We have now 17 whole time research scholars working in the College. More than half of the teachers also are either conducting independent research or are guiding research work

of others. Grants for research on particular problems have been received from the Government of India, the Board of Scientific and Industrial Research, Orissa, the University Grants Commission and the Jnan Vijnan Parishad of the Utkal University. We are grateful to the Ministry of Education and the University Grants Commission for the grant of Rs. 1,04,000/- in 1955-56 and of Rs. 95,000/- in 1956-57 and to the Utkal University for the corresponding matching grant, for purchase of equipment and apparatus to consolidate the post-graduate classes and for advancement of research in science. But considering the fact that we started late, our equipment is meagre compared to the number of research workers we have and it is hoped that we shall receive more generous grants in future.

The extracurricular activities of the College are carried on under the auspices of a large number of societies in the College, each of which is supervised by at least one member of the staff. A list of these is given in the appendix. The most prominent of these are the Athletic Club, the College Union, the Dramatic Club, the N. C. C., the Rover Crew and the Social Service Guild. During the year, an air wing—the No. 10 Air Squardon—was added to the N. C. C. organisation of the College. We have now two officers and 25 cadets, besides an Officer of the I. A. F. in the Unit.

During the year a large number of prominent persons visited the College and delivered lectures.

The appendix contains an elaborate list of scholarships given by the Government of India, the State Government and the Utkal University, free-studentships and other aids given to students during the year. The total comes to Rs. 1,51,357-0-0 and works to an average of about Rs. 100/- per student annually. If we compare this with the annual fee income of the college—namely Rs 1,79,863/-, there are reasons to feel happy. But inspite of all this, it is not unusual to come across cases of withdrawal from the college on grounds of poverty.

During the year, a sum of Rs. 7,455/- was advanced as long-term loan to students, from the Social Service Guild. It is expected that when these students are settled in life, the loan will be repaid by them, so that others may be benefited. If all the money that has been advanced to needy students in the past were paid back, or even if we got half of it, there would be enough money for all the needy students of the College and there would not be a single case of withdrawal from the College for paucity of funds. Unfortunately however, inspite of our repeated requests, an insignificant percentage of the beneficiaries care to repay the loan. Whereas about Rs. 8,000/- are given on loan every year, the amount we get back is roughly about Rs. 100/- per annum. I am not tired of appealing once again to those ex-students who are comfortably settled now to repay the loan taken by them from the Social Service Guild.

Manual labour and social service are becoming increasingly popular among the students and teachers. The cadets and officers of the N. C. C. constructed a mile long road near Jatni during the summer vacation. Some boarders of the hostels are working as bearers in the Hostel Common Room in their spare time. Students both men and women went out to the neighbouring villages on the Social Education Day and worked to remove illiteracy and unhygienic conditions.

The achievements of our students in the field of games and athletics has been as distinguished as in previous years. But due to increase of the prices of sports goods we had to limit our activities. But now that the proposal of the students to increase their annual subscription for athletics from Rs. 2/- to Rs. 3/8/- has been accepted by Government, we hope to be able to increase our activities. It is expected that the contribution of Government will be correspondingly increased. We are thankful to the Orissa Olympic Association and the Orissa Athletic Association for continuing to extend facilities to us to take advantage of the Rajkumari Amrit Kaur Scheme for coaching athletes and players.

The Ravenshaw College has virtually been the mother of all the other colleges in the State of which there are about 20 now. Many teachers of other colleges and most of the prominent men in the services and in the public life of the State had been Old Boys of this College. Some of them are

present here in this meeting and many, even if they are not present here, still take a lively interest in the affairs of the college and in the problems of education in this State in general. We the teachers and students of this college try to do our specific duty, but at the same time we are not oblivious of the various problems in the field of education that confront the country in general and this State in particular. It is but meet and proper that we should share our thoughts with the Old Boys of the College who are no less interested in these matters. I have given you earlier an idea as to the lines in which development of higher education is being planned and what we expect in this College in the near future. But no plan for the future can be worked out and executed successfully unless a correct assessment of the existing conditions and of the future needs is made. This has been done by the Planning Commission and I can do no better than quote the following words of theirs.

"During recent years the rapid increase in the number of students in Universities and Colleges has affected the standards of education. At the end of the first plan the total enrolment (of students in colleges in India) is estimated to be 7,20,000 as compared to 4,20,000 five years ago. The number of students qualifying each year in degree and higher examinations in Arts and Science has risen during this period from 41,000 to 58,000." "The Second Five Year Plan, therefore, provides for a larger emphasis on improvements of standards of college and university education".

And 'for improving the quality of university and college education and for reducing wastage and stagnation of students who are unable to qualify, a number of measures are being taken by the University Grants Commission. These include the institution of the three year degree courses, organisation of tutorials and seminars, improvement of buildings, laboratories and libraries, provision of hostel facilities, stipends for meritorious students, scholarships for research and increase in salaries of University teachers'. In giving a statement on Elementary education they say 'The statement above gives all-India figures, but the position varies considerably between States and in many States the averages are much lower than those for all India". This remark of theirs is equally applicable to the statement made by them with regard to the number of students in colleges in India and the number of students who take their 1st. or 2nd. degrees annually. The population of this State is aboot 4. 2% of the Union i. e. about 1/24. Hence according to the all-India standard, we should have had about 30,000 students in our colleges and about 2,900 of them should be taking their 1st. or 2nd. degrees every year. Actually however we have only about 7,000 students in our colleges and about 700 students are admitted to the B. A., B. Sc., M. A. & M. Sc. degrees of the Utkal University annually. It would thus be seen that in numerical strength we have to increase by about 300 per cent before we can reach the all-India level. At the same time if we compare the student—teacher

ratio in colleges in India with that of this college we will find that whereas the ratio is 35 to 1 in Indian colleges ours is about 15 to 1. It would thus be seen that while improving the quality of university and college education is the only vital problem in the sphere of university education for the whole of India, ours is a two-fold problem of increasing the numbers of students and improving the quality of higher education, for otherwise, we shall be receding further behind the average of India and shall never be able to discharge our share of the responsibility in building up a new India. In all fairness we should get the necessary financial aid to tackle both the problems. But if we do not have all the funds that we so urgently require, probably we can do some expansion only and do very little for improvement of quality by internal arrangements i. e., by preventing wastage and stagnation. This will not be a satisfactory state of affairs in as much as progress will be very much retarded and economic development of this part of the country instead of being more accelerated than that of other more advanced regions, will be less than theirs, thus resulting in more pronounced economic backwardness.

Whatever be the pace of expansion of higher education, all our efforts will have to be made to check the wastage by preventing students from dropping out of the colleges for financial and other reasons and stemming stagnation by not allowing the students to slacken their work and then fail at the examinations. The

scheme of award of poverty-cum-merit scholarships by the State Government and the Government of India introduced this year will go a long way to prevent fairly good students from giving up their studies. But stagnation can be prevented only by teachers and guardians. In this College we have introduced a system of double tutorials in English and we hope to introduce tutorial classes for the weak students in science subjects. We have also introduced a tutorial system, according to which each teacher is assigned about 15 students whose welfare is the charge of the teacher. It is hoped that by this method, the defects and deficiencies of the individual student will be assessed in good time, so that special efforts can be made to remove them. Inspite of all that a teacher can do and will do, it will not be possible to achieve the desired objective without the active co operation of the guardian, many of whom are old boys of the college and are present here. It seems to me that many guardians become active only at the time of securing the admission of their wards and then leave the rest to providence. A constant watch on the activities of their wards and a little coercion will perhaps make a world of difference. I believe that no other single factor can improve the percentage of success in our examinations to that extent, as this would. I would, therefore, take this occasion to appeal to all guardians of students to spare no efforts to help their wards.

I am very sorry, I have taken a lot of your valuable time. The appendix to this report contains

a systematic record of events of the year 1956. I am however, not sure that it contains every information that you would like to have. The information about Old Boys of the College is, I believe far from complete; but let me assure you that the Executive Committee made every effort to collect as much information as it could about Old Boys.

Lastly, I thank you all, ladies and gentlemen, for giving me a patient hearing.

APPENDIX

GENERAL INFORMATION ABOUT THE COLLEGE FOR THE YEAR, 1956.

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1. STUDENTS, STAFF AND ACCOMMODATION.

(a) **Number of students on rolls**—1612.
(including 118 women students)

(b) **Strength of the teaching staff**—108.
(including the Principal)

(c) **Hostels**—There are four hostels. The accommodation provided in them is given below :—

East Hostel	...	222
West Hostel	...	222
Post-Graduate Hostel	...	65
Women's Hostel	...	16

(d) **Quarters for Staff**—There are 38 quarters for the members of the teaching staff of the College, out of which three are being occupied by officers other than College teachers. Besides these, there are two quarters for the members of the Power House Staff.

(e) **Buildings**—Five new rooms have been added to the Post-Graduate Botany Block. The under-graduate laboratory in Botany which was extended last year is being equipped.

(f) **Changes in the teaching Staff**—

(i) *Names of members of staff who have gone abroad during 1956 for higher studies.*

1. Sri Bibhuti Bhusan Deo ... U. K.
2. Sri Madhu Sudan Kanungo ... U. S. A.

3. Sri Madan Mohan Nanda ... U. S. A
4. Sri Duryodhan Mangraj ... U. K.
5. Dr. Mahendra Kumar Rout ... U. S. A.
6. Sri Trinath Ratho ... West Germany.

(ii) *Names of members of staff who have returned from abroad after completion of their studies :—*

1. Dr. Harihar Misra ... U. S. A.
2. Sri Sadhu Charan Das ... Australia
3. Sri Rajendra Kumar Das ... Germany
   (On transfer from F. M. College, Balasore).
4. Dr. Gourishyam Mohanty ... U. S. A.
   (transferred to Radhanath Training College Cuttack).

(iii) *Names of members of staff who were staying abroad during 1956 for higher studies in addition to those under item (i) :—*

Sri P. Banerjea ... U. K.
Sri J. P. Das ... U. K.
Dr. Trilochan Pradhan ... U. S. A.
Sri Bhabani Sankar Ray ... U. K.

(iv) *Transfers form this College :—*

Sri S. V. Nadham, as Lecturer V. Deo College, Jeypore.

Sri H. K. Raut, as Lecturer, F. M. College, Balasore.

Dr. Chakradhar Misra, as Chief Statistician, Government of Orissa.

(v) *Retirement :—*

Dr. R. N. Mukherji.
Dr. N. K. Chatterji.
Sri R. C. Tripathy.

(vi) *Transfers to this College:—*

Sri Natabar Samantaray, as Lecturer in Oriya.
Sri Sarat Chandra Misra, as Lecturer in Physics.
Sri Rajendra Kumar Das, as Lecturer in History.
Sri Madhab Subuddhi, as Lecturer in Physics.

(vii) *Promotions of members of staff:—*

Dr. G. Panigrahi, as systematic Botanist, Botanical Survey of India, Government of India.
Sri Y. Suryanarayana Rao, as Apprentice Geologist, Directorate of Oil and Natural Gas, Government of India.
Sri S. B. Panda, as Geologist, Orissa Mining Corporation.
Sri B. Das, as Sonepur Professor of English, Ravenshaw College.
Dr. A. P. O' Brien, as Reader in English, Ravenshaw College.
Dr. Bidyadhara Misra, as Reader in Rural Economics, under Ford Foundation Scheme, Utkal University.

(viii) *New appointments:—*

Dr. Hrusikesh Pujari, as Lecturer in Chemistry.
Sri Birendra Kumar Patnaik, as Lecturer in Chemistry.
Sri Bamancharan Ray, as Lecturer in Physics.
Sri Patitapaban Misra, as Lecturer in Physics.
Dr. D. Kanungo, as Lecturer in Geology.
Sri S. Acharya, as Lecturer in Geology.
Sri N. Acharya, as Lecturer in Geology.
Sri Dev Prasad Patnaik, as Lecturer in English.
Sri Sushanta Kumar Palit, as Lecturer in Economics.
Sri Purna Chandra Rath, as Lecturer in Mathematics.

Sri Prasanta Kumar Misra, as Lecturer in Physics.

Sri Laksmikanta Das, as Lecturer in Physics.

Sri Krushna Chandra Patnaik, as Lecturer in Physics (Since relieved.)

2. CURRICULAR ACTIVITIES

(a) **Subjects of Study**—The College provides instruction in the following subjects :—

(i) *Intermediate Stage*—Bengali, Biology, Chemistry, Economics, Education, English, Geography, Hindi, History, Logic, Mathematics, Oriya, Persian, Physics, Psychology, Sanskrit and Urdu.

(ii) *Degree Stage*—(Pass and Hons.) Botany, Chemistry, Economics, English, Geography, Geology, History, Mathematics, Oriya, Persian, Philosophy, Physics, Psychology, Sanskrit and Zoology.

(iii) *Post-graduate Stage*—Botany, Chemistry, Economics, English, Geology, History, Mathematics, Oriya and Physics.

(iv) *Wireless Training class*—Training is imparted for :

(1) the Certificate of proficiency as Radio Operators' Examination conducted by the Ministry of Communications of the Government of India.

(2) The Radio Servicing Course.

(3) The Graduateship Examination of the British Institute of Radio Engineers.

(b) **Excursions**—

(1) Botanical excursion to Calcutta, Lucknow and Banaras during the Puja Vacation.

(2) Zoological excursion to Madras, Bangalore and Mysore during the Christmas holidays.

(3) Geographical excursion to the Deccan plateau during the Puja Vacation.

(4) Sri R. N. Ray & Sri M. S. Sahu of the Geography Department on an excursion to Mount Kedarnath and Badrinarayan during the Summer Vacation.

(5) Geological excursion to Prof. Birbal Sahni's Institute of Palaeobotany in November.

(c) Research papers published in learned journals during the year under report

BOTANY :—

1. **B. Samantarai**—Effect of hormones on the rooting of isolated leaves. (Proc. Nat. Acad. Sc. India).

2. **B. Samantarai and G. Misra**—Photoperiodic behaviour of "Thailand"—A Philippinese variety of rice. (Curr. Sci.).

3. **B. Samantarai and S. K. Sinha**—Effect of B-indolylbutyric acid on the growth of isolated leaves. (Proc. Nat. Acad. Sc. India).

4. **G. Misra and B. Samantarai**—Secondary growth in the petiole of *Lantana camara* Linn. and the partial shoot theory of the leaf. (Bull. Bot. Soc. Bengal).

5. **G. Misra**—Photoperiodism in rice. VIII. Effect of short photoperiod on four varieties of early-winter rice. (Proc. Nat. Inst. Sci. India).

6. **G. Misra**—Photoperiodism in rice. IX. Response of an early variety of rice to long photoperiod. (Proc. Ind. Acad. Sci.).

7. **G. Misra**—Effect of long photoperiod on four varieties of late-winter rice. (Sci. and Cul.).

8. **C. M. Bastia and G. Panigrahi**—Spontaneous variegated Chimaera in *Dianthus chinensis* L. (Curr. Sci.).

9. **G. Panigrahi**—Metabolic meiotic irregularities in *Cyclosorus repandulus* (v. A. v. R.) Ching. (Curr. Sci.).

10. **H. Patnaik**—Some useful weeds in and around Cuttack. (J. Bomb. Nat. Hist. Soc.).

11. **H. Patnaik and N. K. Chyau Patnaik**—The hydrophytes of Cuttack. (Jour. Ind. Bot. Soc.).

12. **S. K. Sinha**—Vascular pattern of the hormone-induced roots of isolated dicot leaves. (Sci. and Cul.).

13. **S. K. Sinha**—Atypical fruits of *Iberis amara*. (Sci. and Cul.).

CHEMISTRY :—

1. **P. K. Jena and B. Prasad**—Determination of the solubility product of Nickel Hydroxide. (J. I. C. S.).

2. **S. C. Sircar and B. Prasad**—A note on Solubility of hydrated Copper Oxide in Nitric Acid. (J. I. C. S.).

3. **D. Patnaik, G. Mohapatra and A. Chiranjeebi**—On the estimation of Iron by Iodometry. (Curr. Sci.).

4. **J. Das and D. Patnaik**—Spectrophotometric study of the Ferric Thiosulphate complex, Part I. (J. I. C. S.).

5. **J. Das, C. Nanda and D. Patnaik**—Spectrophotometric study of the Ferric Thiosulphate Complex, Part II. (J. I. C. S.).

6. **D. Patnaik and S. Panda**—Preparation of Ceric Acetate in the anhydrous state and its Photo and thermal decomposition. (Curr. Sci.).

7. **D. Patnaik and P. K. Das**—On the viscosity of solutions of mixed solvents. (Curr. Sci.).

8. **P. K. Das**—Viscosity of some complex Salts in aqueous solution at 35°C, Part II. (J. I. C. S.).

9. **Ch. B. Nanda and S. Pani**—Malate Complex of trivalent Antimony. (J. I. C. S.).

10. **S. Nanda, Ch. B. Nanda and S. Pani**—Monohydroxo trichloro antimonite Complex. (J. I. C. S.).

11. **R. K. Patnaik and S. Pani**—A note on trichloro antimony-8-hydroxy quinolate. (J. I. C. S.).

12. **R. Das and S. Pani**—A note on tricholoro mono-pyridino-antimony Complex. (J. I. C. S.).

13. **D. V. R. Rao and S. Pani**—Reduction of Molybdate by Thiosulphate Pseudo-Unimolecular reaction. (J. Sc. Ind. Res.).

14. **D. V. R. Rao**—Ferric Ammonium-Para Molybdate. (Curr. Sci.).

15. **D. V. R. Rao**—5, 7-Dibromo-8-Quinolinol Complex of Molybdenum. (Curr. Sci.).

16. **D. V. R. Rao**—Para Molybdates of Organic bases. (Anal. Chem. Acta).

17. **D. V. R. Rao**—Mechanism of Molybdate Catalysis in Iodometry. (J. Sc. Ind. Res.).

18. **R. C. Swain, R. N. Misra and S. S. Guha Sircar**—The use of some thioglycollanilide in Inorganic Analysis Part II. (J. I. C .S.).

19. **R. N. Misra and S. S. Guha Sircar**—The use of some thioacetic anilide in Inorganic Analysis. (J. I. C. S.).

20. **D. V.R. Rao and S.S Guha Sircar**—Use of Purpurogallin in Inorganic Analysis. (J. Proc. Inst. Chem.).

21. **G. N. Mohapatra and M. K. Rout**—Preparation of Thiazolidines and their Sulphonando-azo-derivatives. (J. I. C. S.).

22. **M. K. Rout**—Some thiazolidonyl biguanides. (J. Sc. Ind. Res.).

23. **M. K. Rout**—2-p-Amino-phenylimino-4-thiazolidine (J. I. C. S.).

24. **M. K. Rout**—Rhodarine N-Salicylic Acid in estimation of Thorium. (J. I. C.S.).

25. **M. K. Rout**—Substitution reactions of 2-acetanido-thiozoles Part I. (J. I. C. S.).

26. **G. N. Mohapatra**—Organomercurials as Fungicides. (J. Proc. Inst. Chem.).

27. **G. N. Mohapatra**—Non-metallic fungicides. (Nature).

28. **G. N. Mohapatra**—Bromination of 2-Amino thiazoles and their use as possible fungicides and bactricides. (J. I. C. S.).

29. **G. N. Mohapatra**—A note on meta-bromo-phenyl thiourea and its mercuric derivatives. (J. I. C. S.).

30. **B. S. Karushiva and H. K. Pujari**—Amoebicidal Activity of some Arsenic derivatives of thiazolidines and thiazoles. (J. Sc. Ind. Res.).

31. **B. Das**—Preparation of some thiazole dyes of Doebner violet type. (J. I. C. S.).

32. **B. Das**—Nuclear Mercuration of Thiazoles. (J. Sc. Ind. Res.).

PHYSICS :—

1. **A. K. Dutta and (Miss) U. Gantayat**—Excitation Mechanism of arc lines taking the Spectrum of cadmium. (J. Optical Soc. America).

2. **A.K. Dutta and T. Ratho**—On a study of the superposition effect of diffracted X-rays by a liquid column and the optimum thickness for X-ray diffraction. (Zeitschrift für Physics).

3. **A. K. Dutta, B. C. Roy and H. K. Raut**—Viscosity of liquids and ultrasonic studies. (Nature).

4. **B. Misra**—On the wave nature of Matter, Part II. (Ind. Journ. Physics).

5. **H. K. Rout**—Variation of number of Isotopes and Isobars in α and β-decay. (Curr. Sci.).

ZOOLOGY :—

1. **P. N. Chatterji**—Studies on some Diplostome trematodes of the sub-family Crassiphialini Dubris, 1936. (Journ. Parasitology).

2. **P. N. Chatterji**—On a new Psilorchis species recorded for the first time at Cuttack. (Proc. Nat. Acad. Sc. India).

3. **P. N. Chatterji**—Two new fish Trematodes of the family Heterophyidae Odhner 1914. (Proc. Nat. Acad. Sc. India)

4. **B. K. Behura**—Depredations of the giant African Land Snail, *Achatina fulica* (Ferussac) in Balasore (Orissa). (Journ. Bomb. Nat. Hist. Soc).

5. **B. K. Behura**—The feeding mechanism of *Histiostoma polypori* (Oudemans). (Proc. Zool. Soc.).

6. **B. K. Behura**—The biology of the European Earwig, *Forficula auricularia* Linn. (Ann. Zool).

7. **B. K. Behura**—The history and taxnomy of *Histiostoma polypori* (Oudemans) (Tyroglyphoidea: Acari). (Proc. Nat. Acad. Sc. India).

8. **G. C. Sengupta and B. K. Behura**—Note on the life-history of *Lema semiregularis* Jac. (Coleoptera, Chrysomeloidea, Crioceridae). (Journn. Bomb. Nat. Hist. soc.).

9. **U. C. Panda and B. K. Behnra**—Further observations on the biology of the common 'tree-hopper' *Otinotus oneratus* walk. (Homoptera, Membracidae) in Orissa. (Journ. Bomb. Nat. Hist. Soc.).

ECONOMICS :—

Dr. S. Misra—India's Public Debt : recent trends and a peep into the future. (Commerce annual number, 1956).

HISTORY :—

Dr. N. K. Sahu—Religious movements in Utkal and Kalinga (O. H. R. J.).

MATHEMATICS :—

1. **S. C. Das**—Fitting of a Truncated Log-Normal curve to Daily Rainfall Data. (Australian J. Physics).

2. **S. C. Das**—The Numerical Evaluation of a class of Integrals. (Proc. Camb. Phil. Soc.).

3. **S. C. Das**—Statistical Analysis of Australian Pressure Data. (Australian J. Physics).

4. **R. Mohanty and S. Mohapatra**—On the absolute logarithmic Summability of a Fourier series and its differentiated series. (Proc American Math. Soc.).

5. **R. Mohanty and S. Mohapatra**—on the absolute logarithmic Summabitity of a Fourier Series. (Math. Zeitschrift).

6. **R. Mohanty and M. Nanda**—On the logarithmic mean of the derived Conjugate series of a Fourier Series. (Proc. American Math. Soc.).

7. **S. P. Misra and B. Deo**—On anomalous magnetic movements of Nucleus. (Indian J. Physics).

ORIYA :—

G. C. Misra—Glimpses from Oriya Literature and Language. (South Indian Literature's Encyclopaedia).

(d) **Conferences of learned Societies**

(i) The following teachers of the college submitted papers to be read and discussed in conferences :

43rd Session of the Indian Science Congress, Agra

Prof. B. Samantarai, Prof. R. Mohanty, Dr. M. K. Rout, Dr. G. Misra, Dr. R. Rath, Dr. D. Patnaik, Dr. B. K. Behura, Dr. B. Padhi, Dr. G. Panigrahi, Sri C. M. Bastia, Sri G. N. Mohapatra, Sri P. K. Das, Dr. S. Pani, Sri H. Patnaik, Sri S. K. Sinha, Sri M. S. Kanungo and Sri S. Mahapatra.

Annual meeting of the All-India Linguistic Society, Poona

Dr. K. B. Tripathi.

Asian writers' Conference, New Delhi

Dr. K. B. Tripathi, Sri J. K. Mishra, Sri G. K. Brahma, Sri G. C. Mishra and Sri N. Samantarai.

India History Congress, Agra

Prof. K. B. Tripathi and Dr. N. K. Sahu.

All India English Teachers, Conference, Dharwar

Prof. B Das, Dr. A. P. O' Brien, Shri P. K. Pati and Shri Sarbeswar Das.

All India Philosophical Congress, Annamalai

Dr. G. Misra and Sri S. K. Chattopadhyaya.

All India Political Science Conference, Waltair

Dr. S. C. Dash.

All India Literary Conference, Ernakulum

Sri G. K. Brahma.

Seminar on Public Administration, Indian Institute of Public Administration, New Delhi.

Dr. S. C. Dash.

All India Economic Conference, Cuttack

Dr. D. C. Misra, Sri H. K. Misra and Sri B. N. Misra.

(ii) The following teachers attended conferences of learned societies and seminars :

43rd Session, Indian Science Congress, Agra

Prof. B. Samantarai, Prof. R. Mohanty, Dr. D. Patnaik, Dr. B. K. Behura, Dr. B. Padhi, Dr. G. Panigrahi, Sri S. Mohapatra, Sri G. Mahapatra and Dr. R. Rath.

South Asian Conference on Mathematical Education

Prof. B. C. Das.

Annual meeting of the All-India Linguistic Society, Poona

Dr. K. B. Tripathi.

Asian Writers' Conference, New Delhi

Dr. K. B. Tripathi, Sri J. K. Mishra, Sri G.K. Brahma and Sri G. C. Mishra.

Indian History Congress, Agra

Prof. K. B. Tripathi, Dr. and N. K. Sahu.

Avecina Congress, Calcutta

Maulavi Asghar Ali.

All India English Teachers' Conference, Dharwar

Sri Sarbeswar Das.

All India Philosophical Congress, Annamalai

Dr. G. Misra and Sri S. K. Chattopadhyaya

All India Political Science Conference, Waltair

Dr. S. C. Dash.

25th anniversary Celebration of the Indian Statistical Institute, Calcutta

Sri Sadhu Charan Das.

All India Literary Conference, Ernakulum

Sri G. K. Brahma.

(iii) The following teachers of the College were elected to the different All-India Academic Associations :

Prof. B. Das—Joint Secretary, All India English Teachers' Conference, (1956).

Dr. B. K. Behura—Member, Sectional Committee, Zoology and Entomology, Indian Science Congress.

Prof. R. Mohanty—Member, Sectional Committee, Mathematics, Indian Science Congress

Dr. R. Rath—Member, Sectional Committee, Psychology and Educational Sciences, Indian Science Congress.

Dr. S. C. Dash—Member, Executive Committee, Indian Political Science Association.

Prof. S. Misra—Member, Executive Committee, Indian Economic Association, and Local Secretary, Indian Economic Association and Indian Agricultural Economics Association.

Sri S. K. Chattopadhyaya—Chairman, Logic and Metaphysics section, Indian Philosophical Congress (1957).

Prof. B. Samantarai—Member, Editorial Board, Journal of the Indian Botanical Society (Utkal University representative).

(iv) Books written by the members of the staff :—

Dr. N. K. Sahu—(Edited) "A History of Orissa by Hunter, Stirling and Beams". Vols. I and II.
"Juge Juge Bharatiya Nau-jivan"

Dr. S. C. Dash—"Europore mo anubhuti".

Sri G. K. Brahma—"Oriya Sahityare Prakruti".

Sri Bansidhar Mohanty—' Odisare Baudha-Dharma".

Sri J. B. Mohanty (B)—"Oriya Sahitya Parikrama".

Sri G. C. Misra—"Nivedita" and "Panka O' Pankaja".

(v) A large number of members of the staff contributed articles of academic interest to local newspapers and periodicals.

(vi) Other Academic Activities :

The following teachers attended the Summer Linguistic school of the Deccan College, Poona :

Sri J. B. Mohanty (A) and

Sri G. C. Misra.

Sri B. Mahanty attended the all India Book Exhibition at New Delhi arranged by the Sahitya Akademy.

The following teachers conducted the Refresher's course arranged by the Board of Secondary Education, Orissa.

English :—

Prof. B. Das ; Sri P. K. Pati.

Biology :—

Sri H. Patnaik ; Sm. S. L. Kanungo,

Prof. K. B. Tripathi is compiling a Historical Grammar of Oriya at the request of the Linguistic Society of India.

Sri R. P. Das has been selected by the State Government for training in field Archaeology.

(e) **Research Degree**

Sri P. N. Chatterji of the Zoology Department was awarded the Ph. D. degree of the Utkal University.

Sri S. C. Sircar, Sri P. K. Jena and Sri H. K. Pujari, research scholars, Department of Chemistry were awarded the degree of Ph. D. of the Utkal University.

(f) **Research grants**

Members of the staff of the College received grants from the Government of India, Board of Scientific and Industrial research, Orissa, the University Grants Commission and the Jnan Vijnan Parishad of the Utkal University for research.

(g) **Grants for the development of Laboratories**

The University Grants Commission offered a sum of Rs. 1,04,000/- (+ University share Rs. 52,000/- = Rs. 1,56,000/-) during 1955-56 for the development of the laboratories. The offer was accepted and the amount is being spent. The following are the allotments :—

Physics	Rs. 15,000/-
Chemistry	Rs. 60,000/-
Botany	Rs. 36,000/-
Central Workshop	Rs. 45,000/-

The University Grants Commission also made a building grant of Rs. 50,000/- (+ University share Rs. 25,000/- = Rs. 75,000/-) for the extension of the Post-Graduate Block of the Botany Laboratory. The building work is being undertaken.

During 1956-57, a further sum of Rs. 95,000/- (+University Share Rs. 47,500/- = Rs. 1,42,500/-) for the development of laboratories and Rs. 20,000/- (+University Share Rs. 20,000/- Rs. 40,000/-) for the development of Central Workshop have been sanctioned by the University Grants Commission. Necessary steps are being taken to utilise the amount. The following are the allotments :

Physics	Rs. 37,500/-
Chemistry	Rs. 52,500/-
Botany	Rs. 45,000/-
Mathematics	Rs. 7,500/-
Central Workshop	Rs. 40,000/-

(h) **Research Scholars and Research Assistants**

BOTANY—

1. Sri Basanta Kumar Nanda—Government of India, Senior Research Scholar.

2. Sri G. Sahu—Utkal University, Maharaja Kumari Sudhanshumukhi Gajapati Fellow, Junior Research Scholar.

CHEMISTRY—

1. Sri Bhaskar Das—Government of India, Senior Research Scholar.
2. Sri Rai Charan Das—Utkal University, Junior Research Scholar.
3. Sri Rabindra Kumar Patnaik, Utkal University Junior Research Scholar.
4. Sri Bipin Bihari Pradhan—Government of Orissa, Junior Research Scholar.

PHYSICS—

1. Sri Bamdeb Rath—Government of India, Senior Research Scholar.
2. Sri Prafulla Kumar Mahapatra, Government of Orissa, Junior Research Scholar.

MATHEMATICS—

1. Sri Artatrana Das—Government of Orissa, Junior Research Scholar.

2. Sri Nalini Kanta Swain—Government of Orissa, Junior Research Scholar.

ORIYA—

1. Sri Khageswar Mahapatra—Government of Orissa, Junior Research Scholar.

HISTORY—

1. Sri Kanchanamoy Mazumdar—Government of Orissa, Junior Research Scholar.

2. Srimati Bina anyal—Government of Orissa, Junior Research Scholar.

PHILOSOPHY—

Sri Ganeswar Das—Government of Orissa, Junior Research Scholar.

PSYCHOLOGY—

1. Sri G. C. Pati—Government of Orissa, Junior Research Scholar.

2. Sri N. C. Sircar—Government of India, Senior Research Scholar.

3. Sri A Satapathy—Research assistant.

The following Seventeen Research Scholars were relieved during the year as they were employed elsewhere—

MATHEMATICS—

1. Sri Purna Chandra Rath—Government of Orissa, Junior Research Scholar.

2. Sri Kanhu Charan Panda—Government of Orissa, Junior Research Scholar.

3. Sri Uma Kanta Mahapatra—Utkal University, Junior Research Scholar.

BOTANY—

1. Sri Basanta Kumar Nanda—Utkal University, Junior Research Scholar.

2. Sri Annada Shankar Dubey—Government of India, Senior Research Scholar.

CHEMISTRY—

1. Sri Birendra Kumar Patnaik—Government of India, Junior Research Scholar.
2. Dr. Hrusikesh Pujari—Government of Orissa, Junior Research Scholar.
3. Sri Jagannath Das—Government of Orissa, Junior Research Scholar.
4. Dr. Sisir Kumar Sircar—Government of Orissa, Junior Research Scholar.
5. Dr. Prafulla Kumar Jena—Government of Orissa, Junior Research Scholar.
6. Sri Rabindranath Misra—Government of India, Junior Research Scholar.

ECONOMICS—

Sri Ghana Shyam Das—Utkal University, Junior Research Scholar.

PHYSICS—

1. Miss Uma Devi Gantayat—Utkal University, Junior Research Scholar.
2. Sri Prasanta Kumar Misra—Government of Orissa, Junior Research Scholar.
3. Sri Bamadev Rath—Government of India, Senior Research Scholar.
4. Sri Kishore Mohan Patnaik—Utkal University, Junior Research Scholar.
5. Sri Laksmi Kanta Das—Utkal University, Junior Research Scholar.

(i) **Library**

The total number of books in the Library up to the 31st March, 1956 is 50,149 of which, 1,985 volumes were added during the year. The number of magazines and periodicals

received during the year was 325. The total grant received from the Government for the year 1955-56 was Rs. 40,650/-

3. EXTRA-CURRICULAR ACTIVITIES :—

(a) **The Dramatic Society**—The Society took part in the Inter-College youth Festival organised by the Utkal University and was represented at the Inter-University Youth Festival at New Delhi. Kumari Sushama Misra received the third prize in. Odisi Classical Dance for women at the Festival.

(b) **Music Club**—The Music Club possesses its own set of orchestral instruments and has engaged a music teacher. In the year a number of students received lessons in Instrumental and Vocal music. Orchestral recitals were given by club members at different College functions.

(c) **College Societies**—The following is a list of Societies in the College in which papers are read and discussed periodically :—

1. Anjuman-e- Adab
2. Bengali Literary Association
3. Economic Society
4. Educational Society
5. English Association
6. Geographical Society
7. Hindi Sahitya Parishad
8. History Society
9. Mathematical Society
10. Oriya Sahitya Samaj
11. Philosophical Society
12. Psychological Association
13. Science Society.

(d) **College Magazine and Calendar**—An issue of the College Magazine was published in January, 1956. Another issue of the Magazine has just been published. It contains articles in English, Oriya, Hindi, Bengali and Urdu, contributed by students,

members of the staff and old boys. A College calendar containing information and facts, was published early in the session.

(e) **Excursions**—A party of men students visited waltair, Hyderabad, Ajanta, Ellora, Bombay, Poona and Calcutta; and a party of women students visited waltair, Madras, Bangalore and Mysore

A party of men students also visited the Hirakud Dam.

(f) **College union**—The College Union is not only a forum for students opinion but has in view the cultural and recreational life of the students.

Several eminent persons including Mr. Frank copplestone Student President, National Union of Students, Great Britain, Mr. K. Santhanam, Chairman, Finance Commission addressed the members of the Union.

The Autumn Festival was held in September, 1956 at which Mr. B. Sivaraman, Chief Secretary, Government of Orissa and Mr. P. S Sundaram, Member, Public Service Commission, Orissa were the chief speakers Among topical subjects discussed by the Union was one on the Suez Canal.

The eighth anniversary of the Universal Declaration of Human Rights and the tenth anniversary of *UNESCO* were commemorated by the Union.

(h) **Extension and other lectures**—The following eminent persons delivered extension lectures :—

1. Dr. B. S. Guha, Director, Bihar Tribal Institute, Ranchi.
2. Mrs. A T. Kitchin, Professor, Columbia University, U. S. A.
3. Dr. J. A. Kitchin, Director of U. S. I S. and Consul of the U. S. Government, Calcutta.

4. Dr. J. N. Mukherji, President, Board of Secondary Education, West Bengal (presently, member, Union Public Service Commission).

Other speakers who addressed the members of the staff and the students of the College during the year were :—

1. Prof. Akira Tanaka, Hokkaido University.
2. Dr. C. S. Liddle, Chief Educational Adviser, U. S. Embassy, New Delhi.
3. Prof. A. C. Banerjee, Vice-Chancellor, Allahabad University
4. Dr. Ernest Wilhelm Meyr, German Ambassador.
5. Shri C. D. Deshmukh, Chairman, University Grants Commission.
6. Mr. David Isbell, Graduate of the Yale Law School.
7. Dr. O. H. K. Spate, Professor of Geography, Australian National University of Canberra.
8. Shri K. Santhanam, Chairman, Finance Commission, Government of India.
9. Dr. H. K Mahtab, Chief Minister Orissa.
10. Shri N. Kanungo, Minister for Consumer Industries, Government of India.
11. Dr. D. C. Sirkar.
12. Shri Satyapriya Banerji
13. Padmasri Laksminarayan Sahu.
14. Prof. J B. S. Haldane.
15. Padmabhusan P. K. Parija, Vice-Chancellor, Utkal University.
16. Shri B. Sivaraman, Chief Secretary, Government of Orissa.
17. Shri P. S. Sundaram, Member, Public Service Commission, Orissa.
18. Dr. P. K. Bose, Head of the Department of Chemistry, Bose Research Institute, Calcuta.

19. Prof. T. M. P. Mahadevan of the Madras University.

(i) **Membership of Committees appointed by Government and the University**

Prof. B. C. Das (Principal)—1. State Advisory Board for Territorial Army.

2. State Advisory Board for N. C. C.

Prof. S. Misra—1. Director, Department of Rural Economics and Sociology, Ford Foundation Scheme, Utkal University.

2. Member, State Development Advisory Board.

3. In-charge, Economic Survey of the State of Orissa.

Prof. G. S. Das—1. Vice-President, Regional Records Survey Committee.

2. Vice-President, State Committee of the History of Freedum Movement.

3. Member of the Advisory Committee of Museum and Research.

Shri P. Mukherji—Member, State Committee of the History of Freedom Movement.

M. Asghar Ali—Member, Historical Records Survey Committee, Orissa.

4. SOCIAL SERVICE AND AIDS TO STUDENTS

(a) **Social and manual work by students**—The students of the College did some social work on the Social Education Day. Special mention may be made of the work of the N. C. C. cadets and the Rover Crew. During the summer vacation a social service camp of the N. C. C. was held at Jatni.

Our cadets sunk a well and constructed a mile long road. The Rovers rendered social service in their villages in the vacations.

Two boarders of the East Hostel and two of the West Hostel were appointed as bearers in the respective Hostel Common Rooms.

(b) **Social Service Guild**—The total amount of money at the disposal of the Social Service Guild for the session 1955-56 was Rs. 10,751-4-0 of which Rs. 3,520/- was received from the State Government. Besides giving temporary loans, a sum of Rs. 7,455/- was granted as long term loans to 147 men students and 7 women students.

(c) **Scholarships, Free Studentships and other Aids**

(i) Statement of Scholarships, 1955-56.

	No. of students benefited			
	Men	Women	Total	Amount
1. Government of India Scholarship (Scheduled Caste and research).	119	3	122	Rs. 72,255/-
2. Government of Orissa Scholarships (Senior, junior, post-graduate research, Scheduled Caste and displaced students).	130	23	153	Rs. 22,817/-
3. University (Co-operative, Bhingarpur, University Aid, Philips, University Research Scholarships, Lewis, Bisakha Misra).	68	1	69	Rs. 8,022/-

4. Others—				
(a) District Board, Anchal Fund, College improvement, Peak Memorial, Samaj, Math Fund.	58	1	59	Rs. 3,683/-
(b) Flood relief help from Chief Minister's Fund.	116	1	117	Rs. 5,850/-
(c) Flood relief grant from the State Govt.	195	2	197	Rs. 6,483/-
(d) Bihar Government Scholarship (Wireless).	2	—	2	Rs. 997/-
TOTAL ...	688	31	719	Rs. 1,20,107/-

(ii) **Statement of Free Studentship, 1955-56**

Total No. of students benefited

Men	Women	Total
190	3	193

Total value of Free Studentships = Rs. 22,956/-

(iii) **University Aid for submission of Examination Fees**

No. of students benefited	Amount. Rs.	As.
49	839	0

5. PHYSICAL ACTIVITIES

(a) **Athletic Club**—The College won the Inter-College Foot-ball League conducted by the Orissa Athletic Association and the Inter-College Foot-ball tournament conducted by the Utkal University.

The annual Athletic Meet of the College was held on the 17th December, 1956, with Shri Bhimsen Sachar, Governor of Orissa, as the Chief Guest and Shrimati Sachar gave away the prizes. This

year's sports was a special success as three of the College records were bettered and two of the athelets were joint champions.

Regulation hurdles have been obtained for the club and were used in the annual sports. A cement concrete cricketpitch with run-ups has been constructed.

A large number of students joined the coaching classes in Athletics under the auspices of the Rajkumari Coaching Scheme. Shri S. S. Patnaik, Lecturer in charge of Cricket was trained at Rajkot by Shri Deelep Singhji under the auspices of the Rajkumari Coaching Scheme.

Five of our players were selected by the Utkal University to represent the University team in the Inter-versity Football Tournament at Nagpur.

The organisational side of the club is elaborate consisting of eight lecturers, including a woman lecturer, in charge of women students, and a Physical Training Instructor. This arrangement is made with a view to making students sports-minded and health-conscious.

(b) **National Cadet Corps**—(i) The 'A' coy of Ist Orissa Battalion N. C. C. consists of 92 students of the Ravenshaw College and three members of the staff. They received training in Squad and Arms Drill, Map Reading, Rifle, Grenade, Bren Gun and two-inch Mortar. Six of our boys passed the 'B' and seven 'C' certificate examinations. One cadet was promoted to 'Senior under officer' and two were promoted to 'Junior under officers'. Four cadets were selected from the Ist Orissa Battalion N. C. C. to take part in the Republic Day parade at Delhi and all these cadets belonged to the Ravenshaw College. The corps presented a guard of honour to the Chancellor, Utkal

University on the Convocation Day. During the summer vacation a social service camp was held at Jatni. A well was sunk and a mile long road was constructed by our cadets. At the annual camp held at Charbatia during Christmas, our cadets won the Circle Banner in Drill Competition.

(ii) The N. C. C. Air Wing known as No. 10 (Orissa) Air Squadron was opened in the Ravenshaw College in March, 1956. The Squadron consists of 25 students and two members of the staff. Training extends over a period of three years and covers subjects which have a bearing upon practical aviation. The Wing participated in the All India Annual Training Camp held at Barrackpore, West Bengal in October, 1956.

(c) **Rover Crew**—The College has a Rover Crew consisting of 40 students. They are divided into five patrols with two members of the staff as Rover Leader and Assistant Rover Leader. The Crew rendered service at various functions of the college and the University. The annual camp was held at Santiniketan. The boys went on an excursion to Shreerampore in November.

6. MEDICAL SUPERVISION

The total number of cases treated during the year in the College dispensary is 9,637 of which 3,547 are boarders. There was a health check-up of students in August and September, 1956. Training in First Aid was imparted in February, 1956. Free distribution of multivitamin tablets, Cod liver oil and other vitaminous and tonic preparations was carried out throughout the year.

7. GENERATION OF ENERGY

The College and some of the residential quarters nside the College compound get their electric supply from the College Power House. The Power House also runs the pumps which supply water to the College and all the quarters. A. C. Power is being supplied to a portion of the college since March. Arrangements for a complete change over from D. C. to A. C. is in progress.

The College has also got a gas plant which supplies gas to the Science laboratories.

8. INCOME AND EXPENDITURE

The total receipt from the students in the shape of fees etc. during the financial year 1955-56 was Rs. 1, 79, 863/- while the total expenditure was Rs. 10,32,895/-

9. RESULTS OF EXAMINATIONS

(a) **University and other examinations** —The percentage of success :—

	Part I	*Part II*	*Whole*
M. A.			
English	33·3	100	57·1
Oriya	100	100	66·6
Economics	36·3	75·0	62·5
History	85·7	100	50·0
M. Sc.			
Physics	—	100	50·0
Botany	62·5	100	100
Mathematics	66.6	100	30·0
Chemistry	50.0	100	75·0

B. A. (Hons.) : English 100; Economics 86·9; Oriya 76·9; History 72·7; Mathematics 100; Sanskrit 100; Persian 100; Geography 60; Philosphy 83·3; Psychology 87·5; Whole 82·4.

B. Sc. (Hons): Mathematics 57·1; Physics 84·2; Chemistry 85; Botany 100; Zoology 85·7; Geology 85·7; Whole 83·8.

B. A. (Pass) Annual and Supplementary 46·4; B. Sc. (Pass) Annual and Supplementary 53·4; I. A. Annual and Supplementary 57·4; I. Sc. Annual and Suppelmentary 60·4.

Radio Operator's Certificate of Proficiency Examination —42·6.

Radio Servicing Examination—91·7.

(b) **Distinctions achieved**—
The students of the College were placed among the ten successful candidates in the I. Sc. examination of the Utkal University. Three similarly were placed among the first seven successful candidates in the I. A. examination.

Twentytwo students secured First Class in B.A. (Hons.) and B. Sc. (Hons.) examinations and fifteen secured first class in M. A. and M. Sc. examinations.

(c) **Prizes and Medals**—The following prizes and medals were awarded to students of this college during the year under report :

(i) Mayurbhanj Gold Medal
Shri Somnath Misra.

(ii) Bhakta-kabi Madhusdan Rao Gold Medal
Shri Khageswar Mahapatra.

(iii) Khan Bahadur Rustomji P. Patel Gold Medal
Shri Balukeswar Sahoo.

(iv) S. C. Tripathy Memorial Gold Medal
Shri Lakshmikanth Das.

(v) Rohini Gadadhar Gold Medal
Shri Avinna Chandra Das.

(vi) University Post-Graduate Gold Medals.
Shri Khageswar Mahapatra.
Shri Balukeswar Sahoo.
Shri Artatran Das.
Shri Kanchanmoy Majumdar,

Shri Rama Chandra Acharya

Shri Dinabandhu Mishra.

(vii) Chancellor's Prize for Inter-College Debate

Shri Nihar Ranjan Hota.

(viii) The Kumarswamy Raja General Knowledge Prize

Shri Purna Chandra Hota.

9. DISTINCTIONS ACHIEVED BY OLD BOYS

Dr. Harekrushna Mahtab	Chief Minister, Orissa.
Shri Nityanand Kanungo	Union Minister for Consumer Industries.
Shri Mahesh Chandra Pradhan	Chairman, Railway. Service Commission, Eastern Region.
Shri B. S. Mohanty I. A. S.	Member, Board of Revenue, Orissa.
Shri R. Sarangi I. A. S.	Commissioner of Commercial Taxes, Orissa.
Shri Prafulla Chandra Rath	I. P. S.
Shri Sadananda Sinha	I. P. S.
Shri Bighnaraj Patel I. A. S.	District Magistrate, Mayurabhanj.
Shri Somanath Misra	District Magistrate, Koraput.
Shri Narasingha Swain I. P. S.	Superintendent of Police, Keonjhar.
Shri Dinabandhu Tripathy O. A. S.	A. D. M. Keonjhar.
Shri A. G. Bhattacharya O.A.S.	A. D. M. Balasore.
Shri Dinabandhu Mohapatra O. A. S.	Deputy Secretary, Finance Department, Orissa.

Shri D. N. Dutta O. E. S.	Principal, Rajendra College, Balangir.
Shri Prahlad Pradhan	Principal, F. M. College, Balasore.
Dr. G. Biswal	Principal, Orissa College of Veterinary Science & Animal Husbandry.
Shri D. Behera	Special Officer in charge, University College of Engineering, Burla.
Dr. Chakradhar Misra	Deputy Director of Statistics, Orissa.
Shri R. N. Dwivedi	Deputy Director of Marketing, Orissa.
Shri A. P. Panda	Joint-Registrar of Co-Operative Societies, Orissa.
Shri Gopal Chandra Das	Justice, Orissa High Court.
Shri Satrughna Nath	Principal, Training College, Angul.

10. RETIREMENT OF DISTINGUISHED OLD BOYS

Shri Lingaraj Panigrahi.
Shri Govinda Tripathi.
Shri Damodar Das.
Shri Dibyasingha Patnaik.
Shri K. C. Kanungo I. P. S.
Shri N. K. Mahapatra I. P. S.

11. THE DEATHS OF THE FOLLOWING OLD BOYS DURING THE YEAR ARE RECORDED WITH REGRET

Jogeschandra Vidyanidhi.
Pandit Godavarish Misra.

Sudarsan Das.
Styabadi Senapati.
Nisamani Mohanty.
Kasinath Pattanaik.

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